

DaimlerChrysler AG

Abstract

1. Method for monitoring an exhaust system of a motor vehicle.
 - 2.1 The invention proposes a method for monitoring an exhaust system of a motor vehicle having an internal combustion engine (1) and having monitoring electronics (7), a temperature sensor (6) for measuring an outlet-side exhaust-gas temperature being arranged at the outlet side (14) of an exhaust pipe section (15) which is intended to accommodate a component (4) with a purifying activity.
 - 2.2 According to the invention, the monitoring electronics (7) compare a time curve of the outlet-side exhaust-gas temperature (T2) with a time curve of an inlet-side exhaust-gas temperature (T1) at the inlet side (13) of the exhaust pipe section (15) and/or with a time curve of a calculated value (T2*) for the exhaust-gas temperature at the outlet side (14) of the exhaust pipe section (15), the calculated value (T2*) being determined on the basis of the heat-storing and/or fluid-dynamic action of the component (4) with a purifying activity.
 - 2.3 Use in motor vehicles.
3. Fig. 1.